STIC Search Report
EIC 3700

STIC Database Tracking Number: 146159

TO: Andres Kashnikow **Location: RND 8A29** **Art Unit: 3700** **Friday, February 25, 2005** **Case Serial Number: 09/512593**	**From: John Sims** **Location: EIC 3700** **RND 8B31** **Phone: 571 272-3507** **john.sims@uspto.gov**

Search Notes

NO LITIGATION FOUND for this patent.

sira
Search and Information Resources Administration

Access DB# 146159

2/25/05

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Andy Kashnikow Examiner #: 80484 Date: 2/25/05
Art Unit: 3700 Phone Number ~~30~~ 7-4361 Serial Number: 09/512,593
Mail Box and Bldg/Room Location: RND 8A29 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

****

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____

Inventors (please provide full names): _____

_____

Earliest Priority Filing Date: _____

***For Sequence Searches Only** Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

LIT. SEARCH — U.S. PATENT NO.

5,876,345

STAFF USE ONLY	Type of Search		Vendors and cost where applicable	
Searcher: John Sims	NA Sequence (#)		STN	
Searcher Phone #: 7250	AA Sequence (#)		Dialog	
Searcher Location: RND 8-B35	Structure (#)		Questel/Orbit	✓
Date Searcher Picked Up:	Bibliographic		Dr.Link	
Date Completed: 02/25/05	Litigation	✓	Lexis/Nexis	✓
Searcher Prep & Review Time: 10	Fulltext		Sequence Systems	
Clerical Prep Time:	Patent Family		WWW/Internet	
Online Time: 20	Other		Other (specify)	

PTO-1590 (8-01)

LITIGATION SEARCH: US 5876345 (Reissue 09/512593)

Files searched in ***Questel-Orbit*** : File PLUSPAT

?us5876345/pn

1/1 PLUSPAT - (C) QUESTEL-ORBIT- image
CPIM (C) Questel-Orbit
PN - US5876345 A 19990302 [US5876345]
TI - (A) Ultrasonic catheter, system and method for two dimensional imaging or three-dimensional reconstruction
PA - (A) ACUSON (US)
PA0 - Acuson Corporation, Mountain View CA [US]
IN - (A) EATON JOHN W `(US); HOSSACK JOHN A (US)
AP - US80762197 19970227 [1997US-0807621]
PR - US80762197 19970227 [1997US-0807621]
IC - (A) A61B-008/00
EC - A61B-008/12D
- G01S-015/89D1C
- G01S-015/89D1E
- G01S-015/89D2B1
ICO - S01S-007/52S2E
- S01S-015/89D9
PCL - ORIGINAL (O) : 600466000; CROSS-REFERENCE (X) : 600463000
DT - Corresponding document
CT - USRe30397; US4140022; US4241608; US4635293; US4841977; US4917097; US4937775; US4947852; US5000185; US5014710; US5070879; US5081993; US5103129; US5107844; US5127409; US5159931; US5161537; US5186176; US5186177; US5199437; US5211176; US5257629; US5273045; US5315512; US5325860; US5327895; US5345940; US5353354; US5368037; US5377682; US5398691; US5456259; US5469851; US5471988; US5487388; US5492125; US5497776; US5503153; US5517537; US5529070; US5538004; US5558091; US5566674; US5570691; US5575286; US5582173; US5590654; US5606975; US5608849; US5699805; US5704361; US5713363; US5724978; US5776067
- Rosenfiedl et al., Three-Dimensional Reconstruction of Human Coronary and Peripherial Arteries from Images Recorded During Two-Dimensional Intravascular Ultrasound Examination, Corculation, vol. 84, No. 5, pp. 1938-1956, Nov. 1991.

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Two page B&K Medical product brochure describing B&K 8558 transducer and B&K 8557 transducer, (date unknown).

STG - (A) United States patent

AB - An ultrasonic catheter having at least two ultrasonic arrays is provided which has good near and far field resolution and provides an outline of the heart chamber which assists in understanding and interpreting the images obtained by the catheter. Also the ultrasonic catheter allows three dimensional images to be constructed of the region examined by the catheter in a precise but facile manner.

1/1 LGST - (C) EPO
PN - US5876345 A 19990302 [US5876345]
AP - US80762197 19970227 [1997US-0807621]
ACT - 19970718 US/AS02-A
ASSIGNMENT OF ASSIGNOR'S INTEREST
OWNER: ACUSON CORPORATION 1220 CHARLESTON ROAD MOUNTAIN V; EFFECTIVE DATE: 19970623
- 19970718 US/AS02-A
ASSIGNMENT OF ASSIGNOR'S INTEREST
OWNER: EATON, JOHN W.; EFFECTIVE DATE: 19970623
- 19970718 US/AS02-A

ASSIGNMENT OF ASSIGNOR'S INTEREST
OWNER: HOSSACK, JOHN A.; EFFECTIVE DATE: 19970627
- 20000509 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20000223
- 20000926 US/CC-A
CERTIFICATE OF CORRECTION
UP - 2003-22

1/1 CRXX - (C) CLAIMS/RRX
PN - 5,876,345 A 19990302 [US5876345]
PA - Acuson Corp
ACT - 20000223 REISSUE REQUESTED
Issue Date of O.G.: 20000509
Reissue Request Number: 09/512593
Examination Group responsible for Reissue process: 3737

- 20000926 CERTIFICATE OF CORRECTION

PATENT FAMILY SEARCH:

?fam us5876345/pn

1/3 PLUSPAT - (C) QUESTEL-ORBIT
PN - AU6341298 A 19980918 [AU9863412]
STG - (A) Open to public inspection
TI - (A) Ultrasonic catheter, system and method for two-dimensional imaging or three-dimensional reconstruction
PA - (A) ACUSON
IN - (A) EATON JOHN W; HOSSACK JOHN A
IC - (A) A61B-008/12
AP - AU6341298 19980227 [1998AU-0063412]
PR - WOUS9803841 19980227 [1998WO-US03841]
- US80762197 19970227 [1997US-0807621]

2/3 PLUSPAT - (C) QUESTEL-ORBIT- image
CPIM (C) Questel-Orbit
PN - US5876345 A 19990302 [US5876345]
STG - (A) United States patent
TI - (A) Ultrasonic catheter, system and method for two dimensional imaging or three-dimensional reconstruction
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AP - US80762197 19970227 [1997US-0807621]
PR - US80762197 19970227 [1997US-0807621]
EC - A61B-008/12D
- G01S-015/89D1C
- G01S-015/89D1E
- G01S-015/89D2B1
ICO - S01S-007/52S2E
- S01S-015/89D9
PCL - ORIGINAL (O) : 600466000; CROSS-REFERENCE (X) : 600463000
DT - Corresponding document

3/3 PLUSPAT - (C) QUESTEL-ORBIT- image
CPIM
PN - WO9837812 A1 19980903 [WO9837812]
STG - (A1) Publ. Of int. Appl. With int. Search rep
TI - (A1) ULTRASONIC CATHETER, SYSTEM AND METHOD FOR TWO-DIMENSIONAL IMAGING OR THREE-DIMENSIONAL RECONSTRUCTION
OTI - (A1) CATHETER ULTRASONORE, SYSTEME ET PROCEDE D'IMAGERIE BIDIMENSIONNELLE OU DE RECONSTRUCTION TRIDIMENSIONNELLE
PA - (A1) ACUSON (US); EATON JOHN W (US); HOSSACK JOHN A (US)
PA0 - ACUSON CORPORATION ; 1220 Charleston Road Mountain View, CA 94043 (US) (except US)
- EATON, John, W. ; 1150 Guinda Street Palo Alto, CA 94301 (US) (only US)
- HOSSACK, John, A. ; 144 Emerson Street #E Palo Alto, CA 94301 (US) (only US)
IN - (A1) EATON JOHN W (US); HOSSACK JOHN A (US)
IC - (A1) A61B-008/12
LA - ENGLISH (ENG)
AP - WOUS9803841 19980227 [1998WO-US03841]
PR - US80762197 19970227 [1997US-0807621]
EC - A61B-008/12D
- G01S-015/89D1C
- G01S-015/89D1E
- G01S-015/89D2B1
ICO - S01S-007/52S2E
- S01S-015/89D9
DS - AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; CA; CH; CN; CU; CZ; DE; DK; EE; ES; FI; GB; GE; GH; GM; GW; HU; ID; IL; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MD; MG; MK; MN; MW; MX; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TR; TT; UA; UG; US; UZ; VN; YU; ZW; ARIPO Patent (GH; GM; KE; LS; MW; SD; SZ; UG; ZW); Eurasian Patent (AM; AZ; BY; KG; KZ; MD; RU; TJ; TM); European Patent (AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE); OAPI Patent (BF; BJ; CF; CG; CI; CM; GA; GN; ML; MR; NE; SN; TD; TG)
DT - Basic

1/2 LEGALI - (C) EPO
PN - US5876345 A 19990302 [US5876345]
AP - US80762197 19970227 [1997US-0807621]
ACTE- 19970718 US/AS02-A
ASSIGNMENT OF ASSIGNOR'S INTEREST
OWNER: ACUSON CORPORATION 1220 CHARLESTON ROAD MOUNTAIN V; EFFECTIVE DATE: 19970623
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ASSIGNMENT OF ASSIGNOR'S INTEREST
OWNER: HOSSACK, JOHN A.; EFFECTIVE DATE: 19970627
- 20000509 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20000223
- 20000926 US/CC-A
CERTIFICATE OF CORRECTION
UP - 2003-22

2/2 LEGALI - (C) EPO
PN - WO9837812 A1 19980903 [WO9837812]

AP - WOUS9803841 19980227 [1998WO-US03841]
ACTE- 19980903 WO/AK [+]
DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT
AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW

- 19980903 WO/AL [+]
DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT
GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
- 19981203 WO/DFPE
REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO EXPIRATION OF 19TH MONTH FROM PRIORITY DATE
- 19990127 WO/121
EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION
- 19990819 WO/WA [-]
WITHDRAWAL OF INTERNATIONAL APPLICATION
- 19991230 WO/REG; DE/8642 [-]
DE: IMPACT ABOLISHED FOR DE
<DE>

UP - 2003-22

SEARCH RESULTS: **NO LITIGATION FOUND**

1 of 1 DOCUMENT

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

5876345

Link to Claims Section

March 2, 1999

Ultrasonic catheter, system and method for two dimensional imaging or three-dimensional reconstruction

REISSUE: Reissue Application filed Feb. 23, 2000 (O.G. May 9, 2000) Ex. Gp.: 3737; Re. S.N. 09/512,593, (O.G. May 9, 2000)

CERT-CORRECTION: September 26, 2000 - a Certificate of Correction was issued for this patent (O.G. September 26, 2000)

APPL-NO: 807621 (08)

FILED-DATE: February 27, 1997

GRANTED-DATE: March 2, 1999

ENGLISH-ABST:

An ultrasonic catheter having at least two ultrasonic arrays is provided which has good near and far field resolution and provides an outline of the heart chamber which assists in understanding and interpreting the images obtained by the catheter. Also the ultrasonic catheter allows three dimensional images to be constructed of the region examined by the catheter in a precise but facile manner.